



SPECIFICATION SHEET

Product Name : Isooctane, for analysis ACS, Reag. Ph Eur.
Product Number : 936.036
Brand : ISOLAB
CAS Number : 540-84-1
Formula : C_8H_{18}
Formula Weight : 114.23 g/mol

TEST NAME	SPECIFICATION	UNIT
Purity (GC)	≥ 99.5 %	%
Identity (IR)	passes test	
Colour	≤ 10 Hazen	Hazen
Acidity	≤ 0.0003 meq/g	meq/g
Refractive index (n 20/D)	1.391 - 1.393	
Boiling range (98-100°C)	≥ 95 % (v/v)	%
Sulfur compounds (as S)	≤ 0.005 %	%
Readily carbonizable substances	passes test	
Transmission (250nm - 420nm)	≥ 98 %	%
Al (Aluminium)	≤ 0.00005 %	%
B (Boron)	≤ 0.000002 %	%
Ba (Barium)	≤ 0.00001 %	%
Ca (Calcium)	≤ 0.00005 %	%
Cd (Cadmium)	≤ 0.000005 %	%
Co (Cobalt)	≤ 0.000002 %	%
Cr (Chromium)	≤ 0.000002 %	%
Cu (Copper)	≤ 0.000002 %	%
Fe (Iron)	≤ 0.00001 %	%
Mg (Magnesium)	≤ 0.00001 %	%
Mn (Manganese)	≤ 0.000002 %	%
Ni (Nickel)	≤ 0.000002 %	%
Pb (Lead)	≤ 0.00001 %	%
Sn (Tin)	≤ 0.00001 %	%
Zn (Zinc)	≤ 0.00001 %	%
Evaporation residue	≤ 0.001 %	%
Water	≤ 0.01%	%

Quality Management
Isolab Laborgerate GmbH

